"Class-B"

NOTES

MYSORE GOVERNMENT SECRETARIAT

File No. PWD 10 KRS 58

Department of Public works

Section Major Irrigation

Subject :

Field experiments on reducing losses from open water storage reservoirs.

References :

Date.	To whom sent	Notes and instructions
Gopalakrishnaiah 26/11/59		
	SD 18/10/58 26/11/59	

Field experiments on reducing losses from open water Storage Reservoirs.

Mysore Government Secretariat

PWD File No. 10 KRS of 1958.

[App. F. III 2

Serial No.

Letter No 2153-54 dt 14-10-58 from the Ch. Sl. (S)

1) It is reported that the Central Water and power Commission have arranged the study of field experiments on reducing evaporation losses from open water Storage Reservoirs to be carried out at the Mysore Engineering Research Station, Krishnarajasagar, besides two other Centres in India and have sanctioned an estimate amounting to Rs. 16,100/- for this purpose.

2) It is added that in this estimate of Rs 16,100/- the following provisions in respect of establishment have been made:-

(1) One Supervisor on Rs. 150 + 10 CA/ 50 DA +30 duty allowance or special pay for a period of 8 months.

(2) One Sub-overseer on Rs 80 + 10 CA + 35 DA + 20 duty allowance or special pay for 8 months.

(3) One Lascar on Rs 25 + 30 DA for 8 months.

(4) Two Boatmen on Rs 25 + 30 DA for 6 months.

(5) Four Watchmen on Rs 25 + 30 DA for 6 months.

3) The expenditure is to be debited to the Major Head 51 B. Other Revenue expenditure Connected with multipurpose River Scheme. As the study is being carried out at Mysore making use of Kikkarahally Tank establishment is proposed to be stationed at Mysore.

4) As it is proposed to Commence the Studies from 1-11-1958, approval of Govt. is sought for availing the Services of the establishment from 1-11-58 for the periods noted above.

5) Prayed orders in Consultation with F.D.

Note.—Contn. Sheet

Mysore 17/10 [illegible]

File No. of 195

Mysore Government Secretariat

Serial No.

May be approved in Concurrence of the F.D.,
Dy Secy (Plg)

i) for concurrence

F.D.)

M/s P.W.D.
25/10/58.

SI

DEPUTY SECRETARY F. W. No GOVERNMENT OF MYSORE

FINANCE DEPARTMENT 28 OCT 1958

F.D. would like to have the following information:

i) Whether the experiment will be carried out on an agency basis by the staff of the State;

ii) If the work is not carried out on an agency basis, how the staff of the State can be utilised for the purpose, may be made known;

iii) Whether the amount of Rs. 16,100/- sanctioned for the purpose is to be treated as assistance from Govt. of India by eventual debit of the cost to Govt. of India by corresponding credit to the State Government.

(O.Britto)
Under Secy., Finance Dept.

SECRETARY TO GOVERNMENT 13 NOV 1958 MI2191 PUBLIC WORKS & ELEC. DEPTT.

P.W.D.)

Draft letter to C.E. M.I.S. requesting him to furnish the information required by F.D. is put up for approval.
14/11/58
14/11/58

18/11

WD 01774—GPB—PZS—300,000—86-10-57

Field Experiments in Reducing Losses from Open Water Storage Reservoirs

Mysore Government Secretariat

PWD File No. 10 KRS of 1958. [App. F. III 2

Serial No.

10. Letter No. 4028 D/6.12.58 from the Research Officer Hydro Engineering Research Station, K.R.S.

11) Reference is invited to the proposal outlined at N.F. paras 1—5 and Finance Deptt's opinion at para 8.

The Research Officer, Mysore Engineering Research Station, K.R.S. has sent a copy of his letter addressed to the Ch. Sec. to Govt. covering all the points raised by Fin. Dept. His reply may please be perused at p. 10/C.F. In the circumstances stated he has solicited orders of Govt. early for the Establishment.

12) File may be retransmitted to Finance Deptt. for their concurrence in view of R.O's reply at folio 10/C.F. with reference to Fin. Dept's opinion at para 8.

13) Noted 11/12. 12/12/58.

Page (10) C.F. for perusal, w.r.t. para (8) of N.F. The proposals are for concurrence. J.A. 12-12-58

14) Since the entire cost on the experiments will be borne by the Government of India, who have already conveyed their sanction to the expenditure, Finance Department has no objection to the experiments being taken up by the Research Officer. The expenditure may be debited under ~~the~~ "18 O.R.E." and the grant from Government of India taken under "XVIII-A(i)- Recoveries of Expenditure".

(C. Britto)
Under Secretary, Fin. Dept.

P. W. D.

xxx 23/12

FINANCE DEPARTMENT No. 9365 16 DEC 1958 GOVERNMENT OF MYSORE

SECRETARIAT GOVERNMENT 23 DEC 1958 MYSORE

db

Note—Contin. Sheet.

File No. PWD 10/CRS 58 of 195

Mysore Government
Secretariat

Serial No.

The proposal outlined at n.F. paras 1–5 is submitted for favour of orders. The F.D. has agreed to the proposal vide para 14.

Hours 27/12 — Orders may be put up. (16)
27/12/58 — 27.12.58

Draft G.O. is submitted. (17)
Hours 5/1 — (18)
5/1/59 — 6.1.59

Secy (PWD) — 6/1/59 (19)

DEPUTY SECRETARY
No.
6 JAN
GOVERNMENT OF MYSORE

Has seen & put up (20)
Mail 8/1

SECRETARIAT TO GOVERNMENT
MI 61
PUBLIC WORKS & ELECT. DEPTT.

8/1

Signed Fair copies are placed in the Financial File for b i 3 [illegible] to the Financial Secretariat [illegible] & intimation to the Accountant [illegible]

Financial Secretariat.
10/1/59

10/1

(21)

H em no 420 of 10-1-59

Issue — (22)
10/1/59

Issued
12/1

(23)

WD 01774—GPB—PZS—300,000—26-10-57

Field experiments on reducing losses from open water Storage Reservoirs.

Mysore Government Secretariat | PWD File No. 10 KRS of 1958. | [App. F. III 2

Serial No.

24) Orders are issued and the file is resubmitted in Compliance to orders at N.F. para 20.

Mohan 12/1/59. MEP 12/1/59

25) Secy, PWD) 13.1.59

To perusal

26) Min: PW [illegible]) Secy, Secy (PW)

27) 24.1.59 Secy,

28) do

29) 28) 27.1.59

30) Letter No DA XVI/18 ORE/D-311 Dt 23-2-59 from A.E. Bagalkot D.O.D. may kindly be perused. The A.E. has desired clarification on the points mentioned in the PWD Dist. letter forwarding a Copy of the PWD to CE/S for a Report is put up for approval.

31) Mohan 27/2 MEP 27/2/59

done 2/3/59

32) Issued 6851/3

p. 19/CE. Letter No. 4382-84/Est Dt 10-3-59 from CE/N.1(S)

33) PWD is for perusal. CE has reported that though Sanction was accorded to staff with effect from 1-11-58, but actually the staff was entertained from 15-1-59

Note.—Contn. Sheet

SECRETARY to GOVT MYSORE PUBLIC WORKS & ELEC. DEPTT No. M.9.29 13 JAN 1959

PWD No. 385 24 JAN 1959 BANGALORE

SECRETARIAT TO GOVERNMENT No. 27 JAN 1959 PUBLIC WORKS & ELEC.

Field experiments on reducing losses from open water storage Reservoirs.

File No. PWD 10 KRS of 1958.

Mysore Government Secretariat

Serial No.

and one subsequent was from 3-12-58. He has stated that the period of sanction will count from these dates.

In this connection reference is invited to A.G's letter at p. 17, to which a reply is awaited from CE (S). We may perhaps await CE's reply to our letter at p. 18, ante. (34)

Misra 26/3 MCP 26/3/59.

C.E. (S.P.) may be requested (35)

The A.G. may be addressed giving replies to para (1) of his letter, for which details are available. Separate action may be taken on the present letter of CE, regarding the dates.

CP 27.3.59

Two draft letters submitted for approval (36)

for perusal before issue (37)

Misra 30/3 MCP 30/3/59

Dy. Secy). CP 14/5

Issue CP 15/4

do 14/4 (38)

Issued GS22/4 (39)

Letter No. 66-67/S-Est dt 7.4.59 from CE/IP.

P.W.D. is for perusal. Draft letter to A.G/ issued as CE's present letter is put up for approval. (40)

Misra 23/4 MCP 23/4/59

Issue CP 23/5 (41)

GOVERNMENT OF MYSORE DEPTT.

VI: 6177—GPB—PZS—900.000—25-10-57

Issued

Field experiments on Reducing losses from open water Storage Reservoirs

Mysore Government Secretariat

PWD File No. 10 KRS 58 of 1958.

[App. F. III 2

	Serial No.	
p. 26		Letter No. 273/S-Est dt 29.4.59 from CE/IP
	42)	Action has already been taken vide page 24. Now action is now called for on this PWD will be filed
		Issue 7/6/59 MLS 8/5/59 File CP 8.5.59
p. 27		Letter No. 102/180RE/58 XII-13 dt 29.5.59 from AG.
	44)	PWD at p. 27 is for perusal. Draft letter requesting the CE/IP to supply the information desired by A.G. is put up for approval.
	45)	Issue 12/6 MLS 18/6/59 ES 15/6/59
	46)	Despatched in No. P.W.D. 10 KRS 58 Dated 18/6/59 ES
p. 29		Letter No. 766-67/Est dt 20.6.59 from CE/IP.
	47)	PWD desired information as at p. 27/CE The CE/IP has furnished the information at p. 29. A draft letter to A.G. on the basis of CE's letter at p. 29 is put up for approval.
		Issue 29/6 MLS 29/6/59 ES 30/6/59
		Despatched in No. P.W.D. 10 KRS 58 Dated 4/7/59 GS
		Letter No. WDS 1360 of 5-8-59 Est from the C.E.I.P. Bangalore.
	48)	The CETP has already furnished the information in his letter dt 20-6-59 (para 47) furnished to W.D.; and this is a letter in confirmation.
	49)	No action is due on this for the present Record ES 8/8

Note.—Contn. Sheet

~~Facts~~ Field Experiments on reducing losses - open water storage - Reservoir —

PWD File No. 10 KRS of 1959.

Mysore Government Secretariat

Serial No.

Letter No. 4584/1/Est of 26-9-58 from CE I P Mbad.

58) PWD is for perusal.

In GO No. PWD 10 KRS 58 of 12-1-59 at flag F the following staff was sanctioned for a period of 8 months ~~for 1958~~, from 1-11-58. & 6 months was under for the said work:-

(1) 1 Supervisor 8 months
(2) 1 Sub-overseer 8 "
(3) 1 Lasker. 8 "
(4) 2 Boatmen 6 "
(5) 4 watchmen 6 "

51) The CE I P has now reported that it has become necessary in the interest of work slightly alter the duration of appointment of two (out of 4 watchmen) to 8½ months without any extra expenditure to Govt.

52) The proposal made now to be within the sanctioned limit is done as follows:-

~~staff as under~~

1 supervisor for 8 months
1 Subovereer for 7 "
1 Lasker for 8 "
2 Boatmen for 5 "
2 watchmen for 5 "
2 watchmen for 8½ "

53) The main idea is that to employ for 8½ months 2 watchmen for which

Serial No.

the proposal made by him now, requires Govt. sanction.

(54) Since the staff were sanctioned with effect from 1-11-58 the period is also over by June end 59 and the action already taken by him will have to be approved. The CE I & P should have approached Govt. well in time.

(55) For orders.

SI

(56) The proposal may be approved with concurrence of F.D.

(57) For concurrence. Out of the 4 watchmen sanctioned for 6 months, the CE proposes to have 2 watchmen for 6½ months and the other two for 5 months only. Since this does not involve any additional financial commitment, it may kindly be agreed to.

Supdt please speak

Spoke to

8765/59

(58) Seen and returned.

C. BRITTO
Under Secy. Finance Dept.

(59) Reference paragraphs 54 to 58, a draft Go is put up for approval.

For approval before issue

Serpworg

Drone

GOVERNMENT OF MYSORE 19 OCT 1959 PLANNING & DEPARTMENT

22 OCT 1959 M 22540 IRRIGATION & ELEC. DEPTT.

No. Contn. Sheet Notes. 41262/58

RD File No. 10 CPS of 1958

Mysore Government Secretariat

Serial No.

Financial Secretariat.

9/11/59

9/11/59

10.11.59

10.11.59

10 KRS 58

Despatched in No. P.V.D.

Dated 12/11/59

No further action here. The file will be closed

17/11

17/11

17/11/59

Letter No.550 dated the 28th September, 1958 from the Research Officer, Mysore Engineering Research Station, Krishnarajasagar, to The Chief Engineer, Major Irrigation (South), Bangalore.

Sub: Field experiments on reducing evaporation losses from open water storage reservoirs.

I write to state that Central Water and Power Commission have arranged the above study to be carried out at three centres in India, namely Silt and Construction Materials Directorate, New Delhi, Irrigation Research Institute, Poondi, Madras, and Mysore Engineering Research Station, Krishnarajasagar. An estimate to carry out this study by the Mysore Engineering Research Station, for Rs.16,100/- was received sanctioned by the President through the Ministry of Irrigation and Power and the Chief Engineer (Flood Wing) Central Water and Power Commission (copy enclosed). Technical Sanction to this estimate of 16,100/- by the Chief Engineer (floods) Central Water and Power Commission, was communicated to this office in letter No.9/58 - F & C dated 19-8-58 from the Chief Engineer (Flood Wing) (copy enclosed). P.6.

In the estimate of Rs.16,100/- the following provisions in respect of establishment have been made.

(a)	Supervisor on Rs.150 10 C.A.+ 50 D.A. + 30 duty allowance or special pay for a period of 8 months.	One.
(b)	Sub-overseer on Rs.80/- + 10 C.A. 35 D.A. + 20 duty allowance or special pay for 8 months.	One.
(c)	Laskar Rs.25 + 30 D.A. for 8 months.	One.
(d)	Boatman Rs.25 + 30 D.A. for 6 months.	Two.
(e)	Watchman on Rs.25 + 30 D.A. for six months.	Four.

The expenditure on the above is debitable to the Major ~~and~~ Head 51 B. Other Revenue expenditure connected with multipurpose river schemes.

As the study is being carried out in Mysore making use of Kikkarahally tank establishment will be stationed at Mysore.

As the estimate with necessary provision for utilising this establishment has received the administrative approval of

.....2

3

the Ministry of Irrigation and Power, Government of India and Technical Sanction by the Chief Engineer (Flood Wing) Central Water and Power Commission, I request you kindly to accord approval for availing the services of the establishment from the 1st November 1958 for the periods noted above.

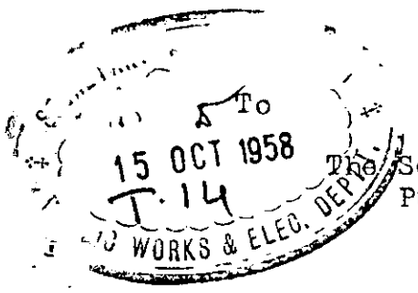
/COPY/

Tvn:9/10

for Chief Engineer, M.I.(S).

No. 2153-54
Encl. 5 cl.

Dated: 14-10-58



The Secretary to Government,
Public Works Department,
BANGALORE.

Sir,

Sub: Field experiments on reducing losses from open water storage Reservoirs.

I write to forward herewith a copy of letter No.530 dated 28-9-1958 together with a copy of enclosures referred to therein from the Research Officer, Mysore Engineering Research Station, Krishnarajasagar, on the subject mentioned above and request you to communicate necessary approval in the matter so that the studies may be commenced from 1-11-1958 as proposed by the Research ~~Officer~~.

C.A.

Yours faithfully,

for Chief Engineer,
Major Irrigation(South).

Tvn:9/10

10-10

4

Letter No.175(1)/58-DW.I. from the Under Secretary to the Government of India, Ministry of Irrigation and Power, to the Chairman, Central Water and Power Commission, New Delhi.

Sub: Field experiments on reducing evoporation lossed from open water storage reservoirs.

I am directed to refer to your letter No.SCD/TECH-1/57-4729, dated the 30th December 1957, and No.SCD/Tech-1/57, dated the 4th March, 1958, on the subject mentioned above and to convey the administrative approval and expenditure sanction of the President to the following two estimates for carrying out field experiments on reducing evaporation losses from open water storage reservoirs:-

(i) Estimate amounting to Rs.16,100/-(Rupees sixteen thousand and one hundred only) for experiments to be conducted at the Engineering Research Station, Krishnarajasagar, (Mysore) and

(ii) Estimate amounting to Rs.17,250/- (Rupees seventeen thousand, two hundred and fifty only) for experiments to be conducted at the Irrigation Research Station, Poondi (Madras).

2. The expenditure involved will be debited to Major Head "51-B-Other Revenue Expenditure connected with Multipurpose River Schemes".

/COPY/

for Chief Engineer, M.I.(S).

Tvn:9/10

10-W

Letter No.SCD/Tech 1/57 SCM 640 dated 24/25th April 1958 from the Director, Central Water and Power Commission, Flood Wing, New Delhi, to the Chief Engineer, Major Irrigation-South, Bangalore.

Sub: Field experiments on reducing evaporation losses from open water storage reservoirs.

Ref: Your letter No.14408-C9 dated 15th Jan.'58.

I enclose herewith the copy of the sanction of the President conveyed by the Ministry of Irrigation and Power to the estimate amounting to Rs.16100/- (Rupees sixteen thousand and one hundred only) for experiments to be conducted at the Mysore Engineering Research Station, Krishnarajasagar, Mysore. Instructions may now kindly be issued to the Research Station, Mysore to undertake the work at the earliest.

The expenditure involved is debitable to Major Head "51-B-other Revenue expenditure connected with Multipurpose River Schemes".

/COPY/

SD/-(D.DODDIAH),
Research Officer,
Mysore Engineering Research Stn.
Krishnarajasagar.

/COPY/

for Chief Engineer, M.I.S.

Tvn:9/10

6

Letter No.9/58-F.C. Dated 19th August 1958 from the Deputy Director Flood Control, Central Water And Power Commission, New Delhi. to the Director, Silt and Construction Materials Directorate, Central Water and Power Commission, New Delhi.

Sub: Estimate for the field experiments on reducing evaporation lossed from open water storage reservoirs.

I am directed to refer to your letter No.SCD/Tech-1/58-SCM-1158 dated 26-7-58 on the above subject and to convey the technical sanction of the Chief Engineer, Floods O(D) to the following two estimates:-

1. Estimate amounting to Rs.16,100/- for carrying out field experiments on reducing evaporation losses from open water storages reservoirs at Engineering Research Station, Krishnarajasagara (Mysore).

2. Estimate amounting to Rs.17,250 for experiments on reducing evaporation losses to be conducted at Irrigation Research Station, Poondi (Madras).

The expenditure involved will be debitable to Major Head "51-B-Other Revenue Expenditure connected with Multipurpose River Scheme"

(SD) K.V.Krishnamoorthy,
Deputy Director, F(C).

/COPY/

SD/-(D.DODDIAH) 27/9
Research Officer,M.E.R.S.
Krishnarajasagar.

/COPY/

for Chief Engineer, M.I.(S)

Tvn:9/10

Letter No.SCD/Tec.h-58.SCM-1302 dated 25-8-58 from the chief Engineer, F (P&D), Central Water and Power Commission, New Delhi to the Chief Engineer, Major Irrigation(South), Bangalore and copy to the Research Officer, Mysore Engineering Research Station, Krishnarajasagara.

Sub: Field experiments on reducing evaporation lossed from open water storage reservoirs.

In continuation of this office letter No.SCD/Tech-1/57-SCM-640 dated 25-4-58 a copy of letter No.9/58-FC dated 19-7-58 conveying the technical sanction to the estimate amounting to Rs.16,100/- for carrying out field experiments on reducing evaporation losses from open water storage reservoirs at Engineering Research Station, Krishnarajasagara,Mysore, is sent herewith for information and necessary action. The detailed estimate for which technical sanction is being sent now had already been sent with the above mentioned letter.

/COPY/

SD/-(D.DODDIAH) 27/9
Research Officer, M.E.R.S.
Krishnarajasagar.

/COPY/

for Chief Engineer, M.I.(S).

Tvn:9/10

PWD 10 KRS 58

November 8

The
Public Works Department.

The Chief Engineer,
Major Irrigation (South),
Bangalore.

SIR,

Sub: Field experiments on reducing losses from open water storage reservoirs.

-o-o-o-

With reference to your letter No.2153-54 dated 14th October, 1953 on the subject cited above, I am directed to request you kindly to furnish the following information urgently for taking further necessary action:

(1) whether the experiments will be carried out on an agency basis by the staff of the State;

(2) If the work is not carried out, on an agency basis, how the staff of the State can be utilised for the purpose, may be made known;

(3) Whether the amount of Rs.16,100/- sanctioned for the purpose is to be treated as assistance from the Government of India by eventual debit of the cost to the Government of India by corresponding credit to the State Government.

Yours faithfully,

(K.Padmanabhan)
Under Secretary to Government,
Public Works Department.

Issued
18/11

raju)

MYSORE PUBLIC WORKS DEPARTMENT

SRI. D. DODDIAH, B.E., M.S., (Civil),
M.Sc.,(Irrgn), (U.S.A.), Assoc.M.ASCE,
Research Officer.

Mysore Engineering Research
Station,
Krishnarajsagar.

MYSORE GOVERNMENT SECRETARIAT
NO. 11550
10 DEC 1958
PUBLIC WORKS MAJOR IRRIGATION BRANCH

D.O. No. 4023

Date 6/12/1958.

Encl. 3

Dear Sri. Padmanabhan,

Sub: Evaporation Studies from open Water Storages.

When I was about to leave the Office of the Chief Engineer, Major Irrigation-South on 2-12-58, on my way to Krishnarajsagar, I was given a copy of letter No.PWD 10 KRS 58 from the Secretary to Government, P.W. D. addressed to the Chief Engineer, Major Irrigation-South, Bangalore, wherein certain observations have been made and information called for. I am enclosing herewith a copy of the reply to the Chief Engineer, Major Irrigation-South for favour of your information and request that orders of Government may kindly be communicated as early as possible for the establishment. A copy of the estimate sanctioned by the Chief Engineer (Flood Wing Central Water and Power Commission) including the establishment with their pay and allowances for which sanction is now being sought for is also enclosed herewith for reference.

Yours Sincerely,

G Goddah

Sri. K. Padmanabhan, B.E.,
Under Secretary to Government,
Public Works Department,
Vidhana Soudha,
Bangalore.

Sri Narasimhan — Please look up pending formal reply from the C.E.

9.12.58

MYSORE PUBLIC WORKS DEPARTMENT

Ref. No.....

Encl:

Office of the Research Officer,
Mysore Engineering Research Station,
Krishnarajasagar.

Date..... 4/12 ...195

To

The Chief Engineer,
Major Irrigation-South,
Bangalore.

Sir,

Sub: Field Experiments on reducing losses from open water storage reservoirs.

With reference to your memo No.14797/Est. dated 2-12-58 I write to furnish below replies to the observations made by the Government in respect of establishment for the above studies:

(1) The experiments will be carried out on an agency basis by the staff of the state. In view of answer to observation No.1 observation No.2 does not arise.

(3) The amount of Rs.16100/- sanctioned for the purpose is to be treated as assistance from the Government of India and corresponding credit to the state Government.

I write to point out again that the estimate for Rs.16100/- for the above study has been administratively sanctioned by the minister of Irrigation and Power by the Government of India and technically sanctioned by the Chief Engineer, Flood Wing, Central Water and Power Commission and the entire cost of the study is being furnished by the Government of India. Under these circumstances sanction to the purch personnel as requested for in my letter No.550 dated 28-9-58 may kindly be obtained and communicated at the earliest.

Yours faithfully,

(D.Doddiah) 4/12
Research Officer,
Mysore Engineering Research Station,
Krishnarajsagar.

DD/BSR.

Letter No.SCD/Tech-1/58-SCM-1302 dated 25th August 1958 from the Chief Engineer F(P&D) C.W. & P. Commission to the Chief Engineer, Major Irrigation-South, Bangalore.

Sub: Field experiments on reducing evaporation losses from open water storage reservoirs.

In continuation of this office letter No.SCD/Tech-1/57-SCM-640 dated 25-4-58 a copy of letter No.9/58-FC dated 19-7-58 conveying the technical sanction to the estimate amounting to Rs.16100/- for carrying out field experiments on reducing evaporation losses from open water Storage reservoirs at Engineering Research Station, Krishnarajsagar, Mysore, is sent herewith for information and necessary action. The detailed estimate for which technical sanction is being sent now had already been sent with the above mentioned letter.

Sd/- R.C. Hoon,
Director(S&CM)
for Chief Engineer, F(P&D)C.W.& Commission.

" Copy "

G Goddard 5/12

Research Officer,
Mysore Engineering Research Station,
Krishnarajsagar.

Estimate for experiments to be conducted by the Mysore Engineering Research station, Krishnarajsaga

Details of est mate for the restriction of evaporation from open water surface with Cetyl alcohol(Hexadecanol)

Item No.	Description of work.	No.	Measurement. L.	B.	D.	Contents.	Total.
		Unit.	Total contents.			Rate.	Amount.
Part. I.							
1.	Thick bamboo rafts with drums and other accessories as detailed in the drawing supplied by the S&CM Dte. Central Water and Power Commission including fabrication as per details enclosed (enclosure No. 1)	No.	3			310.00	930.00
2.	Anchoring arrangements consisting of Manila ropes, iron anchors and hooks etc. complete at one set per raft for 3 rafts.	Sets.	3			100.00	300.00
3.	Teakwood row boat capable of holding 8 to 10 persons with all other accessories and fittings etc. as per quotation from M/S. Narasidas Morarji Wadia, Billimora, W.Rly.	No.	1			2600.00	2600.00
4.	Shore dispensing units consisting of a 44 gallons drum with brick work platform etc. as per details enclosed (Enclosure 2)	-	6			100.00	600.00
5.	Metallic or plastic taps for delivery of the cetyl alcohol solution.	No.	24			3.00	72.00
6.	120 yards of plastic tubing 3/8" dia.	Yard.	120			2.25	270.00
7.	Filter attachments for filtration of cetyl alcohol.	No.	6			25.00	150.00
8.	Empty kerosine oil tins.	No.	6			1.50	9.00
9.	Funnels, big size.	No.	3			5.00	15.00
10.	Cetyl alcohol has been arranged to be supplied by the C.S.I.R. Through Central Water and Power Commission vide D.O.letter No.SCD/TECH/1/57 dated 23/24th April 1957, from the Chairman, Central Water and Power Commission, Bikaner House, New Delhi to the Chief Engineer, (General) in Mysore.						

P.T.O.

11. 750 gallons of white spirit (Miniral tupentine) or an alternative Solvent spirit for dissolving cetyl alcohol.	Galns.	750	2.00	1500.00
12. 10 gallons of oils (i.e. 2 gallons each of five oils of different surface pressures) for assessing the pressure of Cetyl Alcohol, Monolayer.	-	10	6.00	60.00
13. Meteorological instruments as per details enclosed (encl: No.3)				2134.00
14. Labour charges for loading and unloading rafts etc. and carriage charges of the equipment to the site of work,	Lumpsum.			450.00
15. Lorry charges for conveying rafts and other equipment and materials,	Lumpsum.			250.00
16. Repairs and replacement charges.	Lumpsum.			250.00
17. Charges for conducting contour of capacity surveys of the tank- (details enclosed) enclosure No.4)	Lumpsum.			500.00
18. Constructing a temporary shed for use as office near the tank.	Lumpsum.			330.00
19. Contingencies, @ 3%				300.00
			Total	10720.00

PART-II. ESTABLISHMENT

(a) Supervisor : One on Rs.150 Plus C.A. + 40 D.A. + 30 Duty allowance i.e. Rs.230/- per month for 8 months.	1,840.00
(b) Sub-overseer : One on Rs.80.00 plus 10 C.A. + D.A.30 Plus 20 Duty allowance i.e. at Rs.140/- per month for ~~eith~~ 8 months.	1,120.00
(c) Laskar : One on Rs.55/- per month for 8 months.	440.00
(d) Boat-man: Two on Rs.55/- per month including all allowances for six months.	660.00
(e) Watchmen for day and night watch in three shifts(Four on Rs.55/- per month for six months.)	1,320.00
	5,380.00
Total of Part I & II.	16,100.00

" COPY "

Sd/- N. Gundu Rao,
For Chief Engineer, M.I.South.

" Copy "

Research Officer,
Mysore Engineering Research Station,
Krishnarajsagar.

No. 3399/5-581

Office
Major Irrigation—South,
BANGALORE.
Engineer.

9/30/12 KS

To

The Secretary to Government,
Public Works Department,
BANGALORE.

MYSORE GOVERNMENT SECRETARIAT
NO. 12470
31 DEC 1958
PUBLIC WORKS MAJOR IRRIGATION BRANCH

GOVERNMENT SECRETARIAT
AU MIS
30 DEC 1958
PUBLIC WORKS BRANCH

Sir,

Sub: Field experiments on reducing losses from open water storage reservoirs

Ref: Your No.PWD 10 KRS 55 dated 18-11-1958.

P. 8/CF

I write to furnish the following information as required by Government.

1) The experiments will be carried out on an agency basis by the staff of the state:

2) Answer in Para (1) above covers the reply.

3) The amount of Rs.16100 sanctioned for the purpose is to be treated as assistance from the Government of India corresponding credit being given to the State Government.

Mr. Row

4) In this connection, kindreference is invited to your letter No.PWD 70 KRS 57 dated 27-5-58 addressed to the Accountant General and copied to this office accepting the head of debit of a similar work financed from Governmant of India, viz. "Research on basic fundamental problems relating to River Valley Projects and Flood Control Works" as "18 ORE A- Irrigation works - (2) Misc. Expenditure - Other Charges " corresponding credit representing the Government of India and given to "XVIII I.N.E.D. - A. Irrigation Works - Direct Receipts - Miscellaneous".

The same procedure as noted above may hold good in this case also.

Favour of early approval in the matter is solicited.

Yours faithfully,

(R.L. Raju),
Chief Engineer,
Major Irrigation-South.

L.P:

15

PROCEEDINGS OF THE GOVT. OF MYSORE.

-o-o-o-

R e a d:

'Correspondence resting with letter No.3399/S-Est. dated 30th December 1958 from the Chief Engineer, Major Irrigation (South), stating that the Central Water & Power Commission have arranged the study of field experiments on reducing evaporation losses from open water storage reservoirs to be carried out at the Mysore Engineering Research Station, K.R.S., that the Ministry of Irrigation and Power, Government of India have accorded administrative approval to an estimate amounting to Rs.16,100/- (in words) for this purpose, making therein provision for the marginally noted establishment, and that the Chief Engineer (Flood Wing), Central Water and Power Commission has accorded technical sanction, ~~The Chief Engineer has added~~ that the expenditure ~~may~~ to be debited to the major head "51 B. Other Revenue expenditure connected with multipurpose river schemes", and stated that the study is being carried out in Mysore, making use of ~~Kikkeri halli~~ Kukkanahalli tank, the establishment is stationed at Mysore, and requesting in the circumstances, stated, ~~the C.E.~~ has requested approval of Government for availing the services of the establishment from 1st November 1958 for the periods noted ~~against them.~~ in margin.

1)	~~One~~ Supervisor .. Rs.150-10 C.A. plus 50 D.A. + 30 Duty Allowance or special pay for a period of 8 months.	One	
2)	~~One~~ Sub overseer Rs. 80+10 C.A. 35 D.A. 20 Duty allowance or special pay for 8 months.	One	
3)	~~One~~ Lascar Rs. 25 + 30 D.A. for 8 months.	One	
4)	~~Two~~ Boatmen Rs. 25 + 30 D.A. for 6 months.	Two	
5)	~~Four~~ Watchmen 25 + 30 D.A. for 6 months.	Four	

ORDER NO. PWD 10 KRS 58

DATED JANUARY 1959.

A P P R O V E D. The expenditure may be debited under "18 O.R.E." and the grant from the Government of India ~~taken~~ credited under "XVIII - A (i) f - recoveries of expenditure

p.t.o

expenditure.

By Order, etc.

Secretary to Government, PWD.

To

C.E. M.I.(S)

C.E. (G)

A.G. through F.D.

R.E., M.E.R.S. (K.R.S.)

Weekly Gazette.

2 o ad:

Correspondence resting with letter No.3329/3-Irr. dated the 20th November 1958 from the Chief Engineer, Major Irrigation (South), stating that the Central Water & Power Commission have arranged the study of field experiments on reducing evaporation losses from open water storage reservoirs to be carried out at the Mysore Engineering Research Station, K.R.S. that the Ministry of Irrigation and Power, Government of India have accorded administrative approval to an estimate amounting to Rs.14,100/- (Rupees fifteen thousand and one hundred only) for this purpose, making therein provision for the marginally noted establishment, that the Chief

1. Supervisor .. Rs.150 plus 10 C.A. plus 50 H.A. plus 30 Duty Allowance or special pay for for a period of 6 months.	One	Engineer. (Flood Wing).
2. Sub-overseer .. Rs.80 plus 10 C.A. plus 25 H.A. plus 20 Duty Allowance or special pay for 6 months.	One	Central Water and Power Commission
3. Lascar Rs. 25 plus 20 H.A. for 6 months.	One	
4. Mazdoor Rs.25 plus 20 H.A. for 6 months	Two	
5. Watchman Rs.25 plus 20 H.A. for 6 months	Four	

has accorded technical sanction, that the expenditure be debited to the Major head "51 R. Other Revenue expenditure connected with multipurpose river schemes", and that as the study is being carried out in Mysore making use of Krishnaraja Sagar, the establishment is stationed at Mysore, and requesting in the circumstances stated, approval of Government for availing the services of the establishment from 1st November 1958 for the periods noted in margin.

ORDER No. PWD 10 KRS 58, BANGALORE, DATED 10 JANUARY 1959.

Approved. The expenditure may be debited under "51 C.A.F" and the grant from the Government of India credited under "XVIII - A(1)f - recoveries of expenditure".

By Order and in the name of
the Governor of Mysore,

K.Padmanabhan 9.1.59
(K.Padmanabhan)
for Secretary to Government,
Public Works Department.

To - The Chief Engineer, Major Irrigation (South), Bangalore.
The Chief Engineer (General) of Mysore, Bangalore.
The Accountant General, Mysore, Bangalore through Finance Department.
The Research Officer, Mysore Engineering Research Station, Krishnarajasagar.

COPY to Weekly Gazette (5 copies)

16

C. F. No. 45]

GOVERNMENT OF MYSORE

OFFICE OF

No. 3626/S/EST.
Encls.

Office of the Chief Engineer,
Major Irrigation—South,
BANGALORE.

Date 13th January 1959.

To

The Secretary to Government;
P.W.Department, Bangalore.

Sir

Sub: Field experiments on reducing losses from open water storage reservoirs.

Ref: This office No.3399/S.Est. dated 30-12-58.

I write to invite your kind attention to this office letter cited above and to request you to communicate early approval of Government in the matter, in order to facilitate to take up the work immediately.

Yours faithfully,

(R. L. Raju)
Chief Engineer,
Major Irrigation(South)

kkm.

Orders have been issued vide p. 15 (D) 16.1.59)
This may be filed.
Main
30/1/59

File.
31.1.59

17

Office of the Accountant General,
Mysore,
Bangalore, dated 23 Feburary, 1959

No. D.A.V.r / 18 ORE / D.311

To

The Secretary to the Government of Mysore,
Public Works Department,
BANGALORE

Sir,

Sub: Entertainment of staff for carrying out ~~field~~ field experiments on reducing evaporation losses at the Mysore Engineering Research Station, Krishnaraja-sagar.

Ref: G.O.No.PWD 10 KRS 58 dated 10.1.1959.

Please refer to the Government Order according sanction to the entertainment of staff for carrying out field experiments on reducing evaporation losses at the Mysore Engineering Research Station, Krishnarajasagar. I request clarification on the following points.

1) In the above Government Order dated 10.1.1959 sanction is accorded to the entertainment of the staff from 1st November, 1958. It is not known whether the establishment has already been formed.

2) The expenditure, it is stated, will be debited to "18 ORE" and the grant from the Government of India will be credited to "XVIII A(i) of recoveries of expenditure". It may please be stated how the expenditure will be watched and who will submit the expenditure statement from time to time maintaining separate account.

3) Whether the grants will be given in lump sum or in instalments by the Government of India may also be stated.

An early reply in the matter is requested.

Yours faithfully,

S. Subramanyam
19.2.59

Asst. Accounts Officer.

Copy to

1) Reseach Officer, Mysore Engineering Research Station, Krishnarajasagar.
2) Chief Engineer, Major Irrigation (South), Bangalore
3) Chief Engineer, (General) Mysore, Bangalore.

Appendix F. G.—1]

SUBJECT. Entertainment of Staff for Camping and field experiments on reducing evaporation losses at the Mysore Irrigation Research Station, Krishnarajasagara.

Diary No. of letter replied to .....

Section

File No.

Serial No.

Mysore Government Secretariat.

( )

the *195*

No. PWD TO KRS 58 ED.I dt. 5/3/59

To CE/S.

Date of issue.....

Issued 6/3/59

Signed by:.....

Ref:- G.O. No PWD 10 KRS 58 dt 10.1.59.

I am directed to forward herewith a copy of letter no. DA XVI/18 ORE/10-311-dt 23.2.59 received from the A.G. on the above subject and to request that a report clarifying the points raised by A.G. may kindly be sent early for taking further action.

Yours faithfully

23-3-59

U.S. pato

29/3/59 29/3

List of enclosures .....

Copied by.....

Examined by .....

Major Irrigation - South, 19
BANGALORE.

No. 4382-84 /Est.

10th March 59

To

The Secretary to Government,
Public Works Department,
BANGALORE.

Sir,

Restriction of evaporation from open water surfaces of Storage Reservoirs by application of cetyl alcohol.

P. 15/CF

In Government Order No, PWD 10KRS 58 dated 12-1-1959, sanction has been accorded for the entertainment of the marginally noted staff,

1 Supervisor	8 months
1. Suboverseer	8 months
1. Laskar	8 months
2 Boatman	6 months
4 Watchman	6 months.

for a specified period as noted against each from 1-11-1958 for the above work, to be carried out by the Mysore Engineering Research Station. It is reported by the Research Officer, that although Government had sanctioned the additional staff from 1-11-1958, full complement was not entertained from the above date and that only one Suboverseer was ta.en on this work from 3-12-1958, and that after the preliminaries were attended to the remaining strength of the sanctioned staff, was entertained from 15-1-1959. Therefore the period of sanction specified in the Government Order cited above will be counted from 3-12-1958, in the case of the suboverseer and from 15-1-1959, in respect of the remaining sanctioned staff. This is for the information of Government

MYSORE GOVERNMENT SECRETARIAT
NO 2810
PUBLIC WORKS MAJOR IRRIGATION BRANCH

Yours faithfully,

Chief Engineer
Major Irrigation -(South)

L.P:

Appendix F. G.—1]

SUBJECT.....

As in the DMO p19/CF

Diary No. of letter replied to .....

Mysore Government Secretariat.

( )

the 195 .

Date of issue.....

Signed by.....

List of enclosures ..... Issued 6822/4

Copied by.....

Examined by .....

Section

File No.

Serial No.

No.

To The A.G/ Bangalore

Sir,

W/R to your letter No. DAX VI 18 ORE/SD. 311 dt 23-2-59 on the above Subject I am directed to state that although sanction to the additional staff was accorded from 1-11-1958, full complement was not entertained from the above date and that only one Sub-overseer was taken on this work from 3-12-1958 and that after the preliminaries were attended to, the sanctioned strength of the staff was entertained

Two Drafts

21)

from I.S.-1-LES-9.

Information regarding items 2 & 3 of your letter under reference will be sent, on receipt of Particulars from the Headquarters Office.

U/F

LP

N.S. 1.4.43 P.W.D.

Ram

30/3

MK 30/3/43

22

Appendix F. G.—1]

SUBJECT As at p. 19/CF

Diary No. of letter replied to .....

Section

File No.

Mysore Government Secretariat.

Serial No.

( )

the 195

No. PWD 10 KRS 58 D 22/4/59

To CE/EP.

Date of issue

Issued 23/4

Signed by

Ref:- your letter No 4382-84/ S&I - D/ 10-3-1959.

Sir,

I am directed to invite reference to Govt. letter of even number D/ 5-3-1959 on the above subject and to request that a reply in the matter may kindly be expedited.

Y. F.

1-4-59

U-S-PWD

List of enclosures .....

Copied by .....

Examined by .....

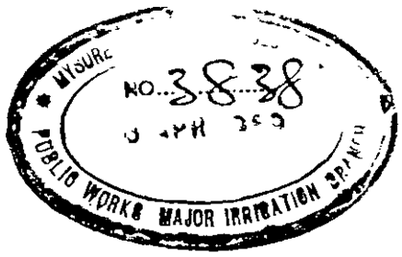
WD-01787—GPB—PZS—100,000—10-2-58

30/3/59

30/3

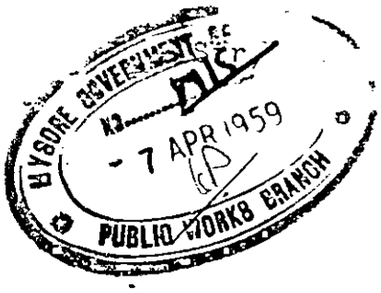
No. 66-67/4/EST.
Encl:

Office of the Chief Engineer,
Irrigation Projects,
Bangalore, dated the 7 April 1959.



To

The Secretary to Government,
P.W.Department, Bangalore.



Sub: Entertainment of staff for carrying out Field Experiments on reducing evaporation losses.

Ref: Your letter No.PWD.10 KRS.58 dated 5-3-59.

With reference to point (1) raised in Accountant General's letter dated 23-2-59, I invite reference to this office letter No.4382-84 dated 10-3-1959.

As regards point (2) it is reported by the Research Officer, Mysore Engineering Research Station, that as per recent classification received from the Central Water and Power Commission, the expenditure is debitable against the account '51. B. Other Revenue Expenditure connected with Multi-Purpose River Schemes" to the office of the Director, Silt and Construction Materials Directorate, Central Water & Power Commission (Flood Wing), Government of India, through the Accountant General, Central Revenue.

It is further stated by the Research Officer, in reply to point (3), that the grant is being given directly by the Central Government under 1958-59 and 1959-60 budget of the Government of India.

Yours faithfully,

(Mohd.Basharat Ali) 6/4
For Chief Engineer,
Irrigation Projects.

kkm.

24

Appendix F. G.—1]

SUBJECT... Entertainment of Staff for carrying out field experiments on reducing evaporation losses at the Mysore Engineering Research Station K.R.S.

Diary No. of letter replied to .....

Mysore Government Secretariat.

( )

the 195..

Date of issue.....

Signed by.....

Issued
GS 28/4

List of enclosures .....

Copied by.....

Examined by .....

Section

File No.

Serial No.

No. PWD 10 KRS 58 dt 28/4/59

To The A G/Bangalore.

Sir,

In continuation of Govt. letter of even number dt 22.4.59 on the above subject, I am directed to state that it is reported by the Research Officer, Mysore Engineering Research Station, K.R.S. that as per recent clarification received from the Central Water & power Commission, the expenditure is debitable against the account '51. B. other Revenue Expenditure connected with Multipurpose River Schemes' to the office of the Director, Silt and Construction Materials Directorate,

P.T.O

WD-01787—GPB—PZS—100,000—10-2-58.

25)

Central water & power Commission

(Flood wing), Government of India

through the Account General, Central

Revenues:

Regarding point 3 of your letter

No DA XVI/18.ORE/P.381 D 23.2.59

it is reported by the Research officer

that the grant is being given directly

by the Central Govt. under 1958-59

and 1959-60 budget of the Govt. of India

/.f

RP
23.4.59
U.S. PWD

mel
23/4/59

23/4

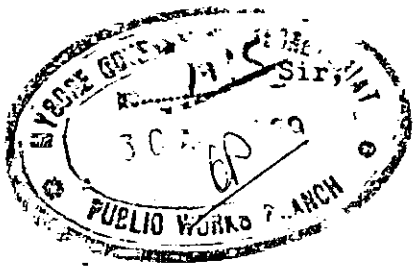
26

Office of the Chief Engineer,
Irrigation Projects,

No. 273/S./Est. Bangalore, dated 28/4/....59.

To

The Secretary to Government,
Public Works Department, BANGALORE.

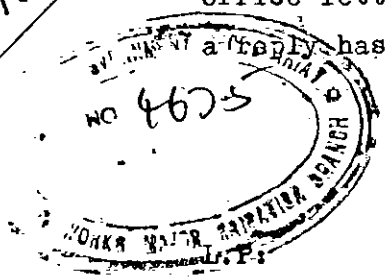


Sub: Field experiments on reducing losses from open water storage reservoir

P. 22

With reference to your letter No. PWD 10 KRS.58 dated 22-4-59, I invite your kind reference to this office letter No.66-67/S/est. dated 7-4-59 wherein a reply has already been furnished.

Mr. Nevil



P.23

Yours faithfully,
Bahadur 29/4
For Chief Engineer,
Irrigation Projects.

RE 27/4

22

OFFICE OF THE ACCOUNTANT GENERAL, MYSORE

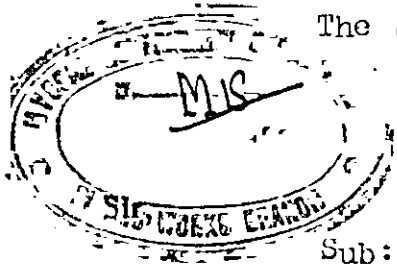
No. 102/1808RE/MAH-B Bangalore, dated the ..... 1959.

From

29 MAY 1959

The Accountant General, Mysore,
Bangalore.

To



The Secretary to the Government of Mysore,
Public Works Department,
Bangalore.

Sub:-Entertainment of staff for carrying out field experiments on reducing evaporation losses at the M.E.R.S., Krishnarajasagar.

C.A.

I am to invite a reference to your letter No. PWD 10 KRS 58 dated 28-4-59 on the subject cited, and request you to intimate whether there are any orders of the Government of India, apart from the clarification from the Central Water and Power Commission, authorising the Cost of the said experiments to be debited to the head "51-B O.R.E. etc.,". If so, a copy of the same may please be supplied for information.

Yours faithfully,

Asst. Accounts Officer.

ptr/

M. G. S. App. F. G. 3]

MYSORE GOVERNMENT

SECRETARIAT.

(*Continuation sheet draft form*).

28

To.

The CE/I.P.

Sub:- Entertainment of Staff for carrying out field experiments on reducing evaporation losses at the MKRS. Krishnarajasagar.

Sir,

With reference to your letter No. 66-67/S-28 dt 7-4-59 on the above subject I am directed to request you kindly to intimate whether there are any orders of the G.O.I., apart from the clarification from the Central Water & Power Commission, authorising the cost of the said experiments to be debited to the head "51-B. ORE etc". If so a copy of the same may kindly be furnished urgently

Y. F.

13/6/59

Dy. S-PWD

13/6/59

13/6

Despatched in No. P.W.D. 18 KRS 58

Dated 18/6/59

GPS

WD 01788—GPB—PZS—100,000—20-2-58

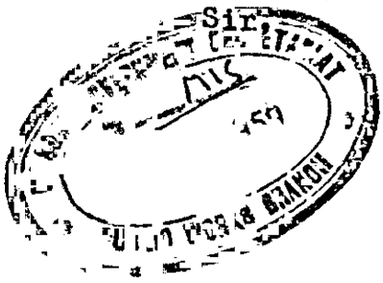
No. 766-67/EST.

Office of the Chief Engineer,
Irrigation Projects,
Bangalore, dated the 20th June 1959.

Encl:

To

The Secretary to Government,
P.W.Department, Bangalore.



Sir,

Sub: Entertainment of staff for conveying out field experiments on reducing evaporation losses at Mysore Engineering Research Station. P 27.

Ref: Letter No.107/18/ORE/DA.XII B.dated nil from the Accountant General.

It is reported by the Research Officer, Mysore Engineering Research Station, that the Government of India, Ministry of Irrigation and Power, have issued a direction in their letter No.175 (1)/58-DW.1 to the effect that the expenditure on account of the above will be debited to the Major Head "51-B--Other Revenue Expenditure connected with Multi-Purpose River Schemes". A copy of the above communication has been forwarded to you with this office No.2153-54 dated 14-10-58.

C.R.1
P.4

P.1

Yours faithfully,

(R. L. Raju)
Chief Engineer,
Irrigation Projects.

kkm.

M. G. S. App. F. G. 3]

PWD to Rs 58.
dt 4-7-58.

MYSORE GOVERNMENT

SECRETARIAT.

(Continuation sheet draft form).

Despatched In No. P.W.D. H.T. 58
Dated 1 GS

P-4

To The A.G / Bdn.

Sub:- Entertainment of the staff for carrying out field experiments on reducing evaporation losses at the MERS Krishnarajasagar.

W/R to your letter No 107/18 ORE/DA XII-B Dt 29-5-58 on the subject cited above, I am directed to state that the Govt of India, Ministry of Irrigation & Power, have issued directions in their letter No 175(1)/58-D.W.1 to the effect that the expenditure on account of the above will be debited to the Major Head "51-B- Other Revenue Expenditure Connected with Multi-purpose River Schemes". A copy of the above letter is enclosed herewith as desired.

Yours faithfully

sd
30/6/58
U-5 PWD

WD 01788—GPB—PZS—100,000—20-2-58

GOVERNMENT OF MYSORE

No. PWD 10 KRS 58

Mysore Government Secretariat,
Vidhana Soudha,
Bangalore, Dated 4/7/ 1959
Saka Era 1881.

From

The Secretary to Government,
Public Works Department,
Bangalore.

To

The Accountant General,
BANGALORE.

Sir,

Sub:- Entertainment of the staff for carrying out field experiments on reducing evaporation losses at the M.E.R.S. Krishnarajasagar.

With reference to your letter No.107/180RE/DA XII-B dated 29-5-1959 on the subject cited above, I am directed to state that the Govt. of India, Ministry of Irrigation and Power, have issued directions in their letter No. 175(1)/58-D.W.1 to the effect that the expenditure on account of the above will be debited to the Major Head "51-B-Other Revenue Expenditure connected with Multi-purpose River Schemes". A copy of the above letter is enclosed herewith as desired.

Yours faithfully,

o/c

(C.J.Venkatesa Das),
Under Secretary to Government,
Public Works Department.

Office of the Chief Engineer,
Irrigation Projects,

No. S. 1360 /Est.

Bangalore, dated 5th August 59

Encl: 1 copy of letter.

To

The Secretary to Government,
Public Works Department,
BANGALORE.

MYSORE GOVERNMENT SECRETARIAT
5 AUG 1959
PUBLIC WORKS BRANCH

MYSORE GOVT. PUBLIC WORKS MAJOR IRRIGATION
NO. 84-21
6

Sir,

Sub: Entertainment of staff for carrying out field experiments on reducing evaporation losses.

Ref: Your letter No.PWD 10 KRS 58 dated 18-6-59.

Apart from the clarification given by the Central Water and Power Commission, the Government of India, Ministry of Irrigation and Power, have issued directions in their letter No.175(1)/58-DW.I(copy enclosed)stating that the expenditure on account of the above will have to be debited to the Major Head "51-B- Other Revenue Expenditure connected with Multi Purpose River Schemes", as has already been reported in this office letter No.766-67 dated 20-6-1959.

Yours faithfully,

4.8.59

For Chief Engineer,
Irrigation Projects.

L.P:

Letter No. 175 (1)/58-DW.I. from the Under Secretary to the Government of India, Ministry of Irrigation and Power to the Chairman, Central Water and Power Commission, New Delhi.

Sub:- Field experiments on reducing evaporation losses from open water storage reservoirs.

I am directed to refer to your letter No. SCD/TECH-1/57-4729, dated the 30th December, 1957, and No. SCD/TECH-1/57, dated the 4th March, 1958, on the subject mentioned above and to convey the administrative approval and expenditure sanction of the president to the following two estimates for varrying out field experiments on reducing evaporation losses from open water storage reservoirs.-

(i) Estimate amounting to Rs.16,100/- (Rupees Sixteen thousand and one hundred only) for Experiments to be conducted at the Engineering Research Station, Krishanrajasagar (Mysore); and

(ii) Estimate amounting to Rs.17,250/- (Rupees seventeen thousand, two hundred and fifty only) for experiments to be conducted at the Irrigation Research Station, Poondi (Madras).

2. The expenditure involved will be debited to Major Head "57 (1)-B- Other Revenue Expenditure connected with Multipurpose River Schems".

" COPY"

For Cheif Engineer,
Irrigation-Projects.

No. 4584/1/EST.

Encls: One.

Office of the Chief Engineer,
Irrigation Projects,

~~Bangalore~~, dated 26-9-1959

Mimeograph

To

The Secretary to Government,
Public Works Department,
BANGALORE.

Sir

Sub:- Restriction of Evaporation from Open Water Surfaces using Cetyl-Alcohol - Establishment.

Ref:- G.O.No.PWD.10 KRS 58 dated 12-1-1959.

In the Government Order cited above, sanction was accorded to the entertainment of the marginally noted* establishment for a specified period for the above work. It is now reported by the Research Officer, Mysore Engineering Research Station, that it has become necessary, in the interest of work, to slightly alter the duration of the appointment of two out of the four watchmen, without exceeding the estimated cost of the work. A copy of letter No.394 dated 4-8-1959 of the Research Officer, explaining the details of the proposal, is enclosed herewith for perusal.

* 1 Supervisor .. 8 months.
1 Suboverseer.. 8 months.
1 Laskar .. 8 months.
2 Boatmen .. 6 months.
4 Watchmen .. 6 months.

Under the circumstances, I request that approval of Government may kindly be communicated to the period of appointment of the establishment as noted below:

1	Supervisor ..	8 months.
1	Suboverseer ..	7 months.
1	Laskar ..	8 months.
2	Boatmen. ..	5 months.
2	Watchmen. ..	5 months.
2	Watchmen. ..	8½ months.

The substance of the above proposal is to employ 2 Watchmen for 8½ months as against the original sanctioned period of 6 months. The extra cost on this account is well within the savings effected due to the reduction in the period of appointment of the Suboverseer, Boatmen and the other 2 Watchmen.

Yours faithfully,

26/9/59

for Chief Engineer,
Irrigation Projects.

Bnm:

Letter No.394 dated 4-8-1959 from the Research Officer, Mysore Engineering Research Station, K.R.S. to the Chief Engineer, Irrigation Projects, Bangalore.

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Subject:- Restriction of evaporation from open water surfaces using Cetyl-alcohol - Establishment.

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Adverting to the Government Order P.W.D.10 K.R.S.58 dated 12-1-59 sanctioning the marginally noted establishment for the period noted against each for conducting the above studies, I write to state that as per the opinion of Dr.L.A.Ramdas, Co-ordinating Officer for Evaporation Control Research, (Copy of letter enclosed) the study has to be continued for a few more years. For this reason, collecting meteorological, in-flow and draw off data has become necessary for which the continuation of certain staff till the close of the period of operation of the above sanctioned estimate namely upto 1st October 1959 is essential. Beyond that date the staff will be borne on a separate estimate which is under sanction by the Government of India.

1 Supervisor	..	8 months.
1 Sunoverseer	..	8 months.
1 Laskar	..	8 months.
2 Boatmen	..	6 months.
4 Watchmen	..	6 months.

The services of the Supervisor and Laskar would be utilised for 8 months as per sanction and those of the Suboverseer have been utilised for seven months as against 8 months sanctioned. Two watchmen and two boatmen were employed for five months only as against the sanctioned period of six months. Against these savings two watchmen are required to be continued for two and half months more, that is, for a total period of 8½ months instead of six months for which sanction exists and the cost towards this employment can be met out of the provisions in the sanctioned estimate. I would therefore request you kindly to accord your approval to employ two out of four watchmen for eight and half months instead of six months debiting the cost to the estimate of Restriction of evaporation from open water surfaces using cetyl-alcohol sanctioned by the Chief Engineer F(P&D) Central Water and Power Commission in his letter No.SCD/Tech.1/57 SCM 640 dated 24-4-1958, for Rs.16,100/-.

Copy/.

Chief Engineer, 26/11/59
Irrigation Projects.

Subject:— Staff for carrying out field experiments on reducing evaporation losses.

Proceedings of the Govt. of Mysore

Read:—

Letter No. S.1360/Est. of 5-8-1958 from the Chief Engineer, Irrigation Project.

Govt. order No. PWD. 10 KRS 58 dated 10-1-1959 according sanction for the following staff for a period of 8 months & 6 months with effect from the date of Govt.

"1) Supervisor — 1 for 8 months
2) Suboverseer — 1 "
3) Lasker — 1 "
4) Boatmen — 2 for 6 months.
5) Watchmen — 4 for 6 months."

The CEIP has now reported that the Research Officer in ERS has slightly altered the duration of 2 posts of watchmen in the interest of Govt. work without any financial commitment to Govt. as under:—

1) Supervisor — 1 for 8 months
2) Sub-overseer — 1 for 7 "
3) Lasker — 1 for 8 "
4) Boatmen — 2 for 5 "
5) watchmen — 2 for 5 "
6) watchmen — 2 for 8½ "

and has approached ~~for~~ Govt. for sanction to the action taken by him as above.

— —+ —

Govt. No. PWD. 10 KRS 1958.

Dt: 9th Nov ~~Oct~~ 1958.
12th

The proposals of the Chief Engineer, Irrigation Project Numirabad are approved. The action taken by the Research Officer MERS as above is also approved

By order & in the name of the Governor of Mysore

O/c
U S PWD
30/10

Despatched In No. P.W.D./2 KRS 58
Dated 12/11/58

To

The Chief Engr. IP Numirabad
The SE Mysore Circle, Mysore
The Research Officer MERS KRSagar
The A/c through File
weekly Typiste

Spare

PROCEEDINGS OF THE GOVERNMENT OF MYSORE.

Sub-Staff for carrying out field experiments on reducing evaporation loss.

Read:-
Letter No.I.1360/Let of 5-8-1959 from the Chief Engineer, Irrigation Projects.

Government Order No.FD 10 RAD 58 dated 16-1-1959 according sanction for the following staff for a period of 8 months with effect from the date of Government Order.

1. Supervisor 1 for 8 months.
2. Sub-Overseer 1 for 8 months.
3. Lasker 1 for 8 months.
4. Boatmen 2 for 6 months.
5. Watchmen 4 for 6 months.

The Chief Engineer, Irrigation Projects has now reported that the Research Officer, Mysore Engineering Research Station has slightly altered the duration of 2 posts of watchmen in the interest of Government work without any financial commitment to Government as under:-

1. Supervisor	1 for	8 months.
2. Sub-Overseer	1 for	7 months
3. Lasker	1 for	8 months.
4. Boatmen	2 for	5 months.
5. Watchmen	2 for	5 months
6 Watchmen	2 for	8 1/2 months.

and has approached Government for sanction to the action taken by him as above.

Government Order No.FD 10 RAD 1958
Bangalore, dated, 9th November 1959.

The proposals of the Chief Engineer, Irrigation Projects, Hunirabad are approved. The action taken by the Research Officer, Mysore Engineering Research Station as above is also approved.

By order and in the name of the
Governor of Mysore,

G. D. Venkatesan 6.11.59
(G.D.Venkatesan Das),
Under Secretary to Government,
Public Works Department.
18/6/11

To

The Chief Engineer, Irrigation Projects, Hunirabad.

The Superintending Engineer, Mysore Circle, Mysore.

The Research Officer, Mysore Engineering Research Station, Kasaragod.

The Accountant General, through Finance Department.

Weekly Gazette.

26-11-1959.

Spare

PROCEEDINGS OF THE GOVERNMENT OF MYSORE.

Sub-Staff for carrying out field experiments on reducing evaporation loss.

Read:-
Letter No.C.1360/[illegible]at of 5-8-1959 from the Chief Engineer, Irrigation Projects.

Government Order No.F.D 10 [illegible] 58 dated 16-1-1959 according sanction for the following staff for a period of 8 months with effect from the date of Government Order.

1. Supervisor 1 for 8 months.
2. Sub-Overseer 1 for 8 months.
3. Lasker 1 for 8 months.
4. Boatmen 2 for 6 months.
5. Watchmen 4 for 6 months.

The Chief Engineer, Irrigation Projects has now reported that the Research Officer, Mysore Engineering Research Station has slightly altered the duration of 2 posts of watchmen in the interest of Government work without any financial commitment to Government as under:-

1.	Supervisor	1 for 8 months.
2.	Sub-Overseer	1 for 7 months
3.	Lasker	1 for 8 months.
4.	Boatmen	2 for 5 months.
5.	Watchmen	2 for 5 months
6	Watchmen	2 for 8 1/2 months.

and has approached Government for sanction to the action taken by him as above.

Government Order No.F.D 10 KRS 1958
Bangalore, dated, 9th November 1959.

The proposals of the Chief Engineer, Irrigation Projects, Hunsiraband are approved. The action taken by the Research Officer, Mysore Engineering Research Station as above is also approved.

By order and in the name of the
Governor of Mysore,

(C.J.Venkatesa Rau), 6.4.59
Under Secretary to Government,
Public Works Department.
6/4

To

The Chief Engineer, Irrigation Projects, Hunsiraband.

The Superintending Engineer, Mysore Circle, Mysore.

The Research Officer, Mysore Engineering Research Station, KR Nagar

The Accountant General, through Finance Department.

Weekly Gazette.

[illegible]6-11-1959.